

12-18-01

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PTO/SB/05 (11-00)

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**UTILITY
PATENT APPLICATION
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. 42390P10350

First Inventor Youfeng Wu, et al.

Title METHOD, APPARATUS, AND SYSTEM TO OPTIMIZE FREQUENTLY

Express Mail Label No. EL802887130US

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents

Assistant Commissioner for Patents
Box Patent Application
Washington, DC 20231

1. Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original and a duplicate for fee processing)
2. Applicant claims small entity status.
See 37 CFR 1.27.
3. Specification [Total Pages 24]
(preferred arrangement set forth below)
 - Descriptive title of the Invention
 - Cross References to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to sequence listing, a table, or a computer program listing appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (*if filed*)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
4. Drawing(s) (35 U.S.C. 113) [Total Sheets 6]
5. Oath or Declaration [Total Pages 5]
 - a. Newly executed (original or copy)
 - b. Copy from a prior application (37 C.F.R. § 1.63(d))
(for continuation/divisional with Box 18 completed)
 - i. **DELETION OF INVENTOR(S)**
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b)
6. Application Data Sheet. See 37 CFR 1.76
7. CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)
 - a. Computer Readable Form (CRF)
 - b. Specification Sequence Listing on:
 - i. CD-ROM or CD-R (2 copies); or
 - ii. paper
 - c. Statements verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

9. Assignment Papers (cover sheet & document(s)) ✓
10. 37 C.F.R. § 3.73(b) Statement Power of Attorney
(when there is an assignee)
11. English Translation Document (*if applicable*)
12. Information Disclosure Statement (IDS)/PTO-1449 Copies of IDS Citations
13. Preliminary Amendment
14. Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)
15. Certified Copy of Priority Document(s)
(if foreign priority is claimed)
16. Request and Certification under 35 U.S.C. 122 (b)(2)(B)(i).
Applicant must attach form PTO/SB/35 or its equivalent.
17. Other: _____

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment:

 Continuation Divisional Continuation-in-part (CIP) of prior application No: _____

Prior application Information: Examiner _____

Group/Art Unit: _____

For **CONTINUATION OR DIVISIONAL APPS** only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.**18. CORRESPONDENCE ADDRESS**

08791

PATENT TRADEMARK OFFICE

(Insert Customer No. or Attach bar code label here)

or Correspondence address below Customer Number of Bar Code Label

Name				
Address				
City	State		Zip Code	
Country	Telephone	(714) 557-3800	Fax	(714) 557-3347

Name (Print/Type)	William W. Schaal	Registration No. (Attorney/Agent)	39,018
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Signature	Date	10/30/01
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Burden Hour Statement This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231 DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS SEND TO Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231

JC580 U.S. PTO
10/30/01

FEE TRANSMITTAL for FY 2000

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT

(\$)

740.00

Complete if Known

Application Number	
Filing Date	
First Named Inventor	Youfeng Wu
Examiner Name	
Group/Art Unit	
Attorney Docket No.	42390P10350

METHOD OF PAYMENT (check one)

1. The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit Account Number **02-2666**Deposit Account Name **Blakely, Sokoloff, Taylor & Zafman LLP** Charge Any Additional Fee(s) Required
Under 37 CFR §§ 1.16, 1.17, 1.18 and 1.20 Applicant claims small entity status
See 37 CFR 1.272. Payment Enclosed:
 Check Credit card Money Order Other

FEE CALCULATION

BASIC FILING FEE

Large Entity	Small Entity	Fee Description	Fee Paid
101	740	201 Utility filing fee	740.00
106	330	206 Design filing fee	
107	510	207 Plant filing fee	
108	740	208 Reissue filing fee	
114	160	214 Provisional filing fee	
SUBTOTAL (1)		(\$)	740.00

EXTRA CLAIM FEES

Total Claims	-	20**	=	0	X	18.00	=	\$0.00
Independent Claims	-	3**	=	0	X	84.00	=	\$0.00
Multiple Dependent								

Large Entity Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description
103	18	203	9	Claims in excess of 20
102	84	202	42	Independent claims in excess of 3
104	280	204	140	Multiple Dependent claim, if not paid
109	84	209	42	**Reissue independent claims over original patent
110	18	210	9	**Reissue claims in excess of 20 and over original patent
SUBTOTAL (2)		(\$)	0.00	

**or number previously paid, if greater. For Reissues, see below

3. ADDITIONAL FEE

Large Entity	Small Entity	Fee Description	Fee Paid
105	130	205 Surcharge - late filing fee or oath	
127	50	227 Surcharge - late provisional filing fee or cover sheet.	
139	130	139 Non-English specification	
147	2,520	147 2,520 For filing a request for <i>ex parte</i> reexamination	
112	920*	112 920*Requesting publication of SIR prior to Examiner action	
113	1,840*	113 1,840*Requesting publication of SIR after Examiner action	
115	110	215 Extension for reply within first month	
116	400	216 Extension for reply within second month	
117	920	217 Extension for reply within third month	
118	1,440	218 Extension for reply within fourth month	
128	1,960	228 Extension for reply within fifth month	
119	320	219 Notice of Appeal	
120	320	220 Filing a brief in support of an appeal	
121	280	221 Request for oral hearing	
138	1,510	138 1,510 Petition to institute a public use proceeding	
140	110	240 Petition to revive - unavoidable	
141	1,280	241 Petition to revive - unintentional	
142	1,280	242 Utility issue fee (or reissue)	
143	460	243 Design issue fee	
144	620	244 310 Plant issue fee	
122	130	122 130 Petitions to the Commissioner	
123	50	123 50 Prosessing fee under 37 CFR 1.17(q)	
126	180	126 180 Submission of Information Disclosure Stmt	
581	40	581 40 Recording each patent assignment per property (times number of properties)	
146	740	246 370 Filing a submission after final rejection (37 CFR § 1.129(a))	
149	740	249 370 For each additional invention to be examined (37 CFR § 1.129(b))	
179	740	279 370 Request for Continued Examination (RCE)	
169	900	169 900 Request for expedited examination of a design application	
Other fee (specify)			
Other fee (specify)			
*Reduced by Basic Filing Fee Paid		SUBTOTAL (3)	(\$)

Complete (if applicable)

Name (Print/Type)	William W. Schaal	Registration No. (Attorney/Agent)	39,018	Telephone	(714) 557-3800
Signature				Date	10/30/01

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